



IBEW 213 – Training for the Future

1424 BROADWAY ST., PORT COQUITLAM
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CFOS/O FOA CERTIFIED FIBER OPTIC SPECIALIST - OUTSIDE PLANT (5 DAYS)



Certified
Fiber Optic Outside
Plant **Specialist**

(CFOS/O)



COST OF COURSE:

- 1. IBEW NETCOM Assessment Members \$0.00**
- 2. IBEW Members \$1230.00 + GST**
- 3. Public \$1430.00 + GST**

Course Level: Intermediate to Expert. Students must have completed CFOT or CPCT within the preceding 12 months or have renewed their FOA membership within that time frame prior to enrolling in CFOS/O.

This course is designed for anyone interested in learning how to properly install Outside Plant (OSP) Fiber Optics Cabling. This Fiber Optic Training combines lecture sessions and hands-on activities to prepare the student to take the CFOS/O hands on and written exams that are sanctioned by the FOA (Fiber Optics Association) and given and graded the final class day.

This course introduces the student to industry standards governing the installation, testing, and troubleshooting of OSP fiber optics cable. Students will learn how to properly identify OSP fiber cabling types, recognize various outside plant closures used in OSP fiber installation, install, prepare, terminate, splice, and properly test and troubleshoot installed OSP fiber cable to existing standards. Prerequisite: Student **MUST** have successfully passed the basic CFOT course within the preceding 12 months or have renewed their FOA membership within that time frame prior to attending this CFOS/O course.

Course Outline / Competencies:

- Safety practices for working with Fiber Optic Cable
- Identify common types of fiber optic cable and hardware
- Install and ground loose tube and ribbon cable in a splice case
- Assemble a 450 D FOSC
- Assemble and install buffer tubes onto splice trays
- Describe common installation methods and equipment
- Test and troubleshoot installed outside plant fiber optic cable
- Analyze and identify components of common splice documents

* Prerequisite: Student must have successfully passed the basic CFOT course within the preceding 12 months or renewed their FOA membership within that time frame prior to attending this course.

